

**Amendments to the Claims:**

No amendments to the claims are proposed in this Response. This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1.-29. (Canceled)

30. (Previously presented)      An immunoadhesin comprising a polypeptide and an immunoglobulin amino acid sequence, the polypeptide comprising an amino acid sequence of the EGF-like domain of SEQ ID NO:4, wherein the polypeptide binds to ErbB4 receptor and activates receptor tyrosine phosphorylation of the ErbB4 receptor.

31.-41. (Canceled)

42. (Previously presented)      The immunoadhesin of claim 30, wherein the polypeptide is devoid of a cytoplasmic domain, or devoid of a transmembrane domain that can anchor the polypeptide in a cell membrane, or both.

43.-44. (Canceled)